

20000618.qrp v01_n856.qrl.20000618

Date: Sun, 18 Jun 2000 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1856

QRP-L Digest 1856

Topics covered in this issue include:

- 1) [72861] Sierra, KC2, & 10m band module question
by "David Ek" <ekdave@earthlink.net>
- 2) [72862] One More Thing (Sierra, KC2, & 10m band module question)
by "David Ek" <ekdave@earthlink.net>
- 3) [72863] Re: Interrogating hard drives....
by "Victor Blackwell" <victor@brecnet.com>
- 4) [72864] Re: Interrogating hard drives....
by Michael Neverdosky <mneverdosky@earthlink.net>
- 5) [72865] Re: FD any "digital activity" last year?
by Phil Wheeler <w7ox@earthlink.net>
- 6) [72866] QRQ Net Suspension
by Ed Loranger <we6w@qsl.net>
- 7) [72867] QST: Looks like Dummy Load Night revisited
by Nick Kennedy <nkennedy@tcainternet.com>
- 8) [72868] Re: QST: Looks like Dummy Load Night revisited
by Phil Wheeler <w7ox@earthlink.net>
- 9) [72869] Re: A slim?
by Dean W Manley <kh6b@juno.com>
- 10) [72870] Re: QST: Looks like Dummy Load Night revisited
by "Andy Meng" <kc8kfi@yahoo.com>
- 11) [72871] Hensley photos-a caveat
by "Ed Tanton" <n4xy@att.net>
- 12) [72872] Re: QST: Looks like Dummy Load Night revisited
by "Terres Family" <terresfm@ncia.net>
- 13) [72873] WTB : Tubing to build yagis.....
by osier <osier@northnet.org>
- 14) [72874] Wanted: NE(SA)602/612
by Andrew Madsen <MADSENANDREW@netscape.net>
- 15) [72875] Re: Hensley photos-a caveat
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 16) [72876] My Subterranean Incandescent QSO WAS:....Dummyload Nite revisited
by Scott Hotchkiss <w4pj@bellsouth.net>
- 17) [72877] Re: Tubing to build yagis.....
by "K3GM" <k3gm@home.com>
- 18) [72878] Re: Interrogating hard drives....
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [72879] Re: QST: Looks like Dummy Load Night revisited

- by "Mike Yetsko" <myetsko@insydesw.com>
- 20) [72880] Info on QRP mod for Alinco DX70T
by "Kelly Ellison" <kelman@dialnet.net>
- 21) [72881] QrpBob is a straighshooter
by "K7FD-N7SG" <cqdx@teleport.com>
- 22) [72882] Questions about shunt resistors
by "TC Dufresne" <tdufres@radiks.net>
- 23) [72883] RE: Questions about shunt resistors
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 24) [72884] WTB: tubingThanks !!!!
by osier <osier@northnet.org>
- 25) [72885] Re: QrpBob is a straighshooter
by DYARNES@aol.com
- 26) [72886] Appalachian Trail Alert
by "Ron Polityka" <wb3aal@talon.net>
- 27) [72887] G3YCC Web site
by "Tom Bowman" <tbowman@nbn.net>
- 28) [72888] Re: A slim?
by "Nick Yokanovich" <k3ny@toad.net>
- 29) [72889] Re: A slim?
by Macstein@aol.com
- 30) [72890] Re: The case of the purloined callsign
by "Dan W. Dooley" <dandooley@pipeline.com>
- 31) [72891] Updated QRP Calling Frequency List
by Roger J Wendell <zeekzilch@juno.com>
- 32) [72892] Re: The case of the purloined callsign
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 33) [72893] Re: Interrogating hard drives....
by "Jim Barrett - KF2DA" <jbarrett@stny.rr.com>
- 34) [72894] Re: Tubing to build yagis.....
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 35) [72895] Re: Interrogating hard drives....
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [72896] Re: QrpBob is a straighshooter
by "John L. Sielke" <n4js@pobox.com>
- 37) [72897] Re: Tubing to build yagis.....
by "Doug Person" <w4dxv@attglobal.net>
- 38) [72898] DONROHER: Wrangell Island Update
by Donald I Roher <donroher@juno.com>
- 39) [72899] Micromountaineer
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 40) [72900] Field Day 2000 - QRP Operations
by Thomas Kuehl <ac7a@gci-net.com>
- 41) [72901] Re: New 10 meter qrp xcvr - July QST
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 42) [72902] RE: Updated QRP Freq List
by radioham@home.com
- 43) [72903] RE: Interrogating hard drives....

- by Rich Mulvey <mulveyr@iname.com>
- 44) [72904] Interrogating hard drives....
by "Donald Philbin" <donaldphilbin@hotmail.com>
- 45) [72905] MPX-40 QRP DSB/CW Rig FS
by "John L. Sielke" <n4js@pobox.com>
- 46) [72906] Re: Updated QRP Freq List
by "chuck munce" <k0gjsx@email.msn.com>
- 47) [72907] OT: Re: Interrogating hard drives....
by Clay N4AOX <wyn@worldnet.att.net>
- 48) [72908] Looks like Dummy load
by Charles K Brown <n4so@juno.com>
- 49) [72909] Re: Interrogating hard drives....
by "Mike Yetsko" <myetsko@insydesw.com>
- 50) [72910] Micromountaineer Revisited
by Charles K Brown <n4so@juno.com>
- 51) [72911] Updated QRP Calling Frequency List
by Roger J Wendell <zeekzilch@juno.com>
- 52) [72912] Re: Field Day 2000 - QRP Operations
by Jim Lowman <jmlowman@ix.netcom.com>
- 53) [72913] Re: Micromountaineer Revisited
by "Steven Weber" <kd1jv@moose.ncia.net>
- 54) [72914] RE: Lobstercon????
by "AI2Q Alex" <ai2q@ispchannel.com>
- 55) [72915] PW-1/Inducti-Match FOTOS
by "K7FD-N7SG" <cqdx@teleport.com>
- 56) [72916] Re: Field Day 2000 - QRP Operations
by "Chuck Carpenter" <w5usj@globeco.net>
- 57) [72917] Updated QRP Call Freq List (Not OK on 6)
by "Chuck Carpenter" <w5usj@globeco.net>
- 58) [72918] OT Re: Interrogating hard drives....
by Clay N4AOX <wyn@worldnet.att.net>
- 59) [72919] Re: Sierra, KC2, & 10m band module question
by "David Ek" <ekdave@earthlink.net>
- 60) [72920] Re: Field Day 2000 - QRP Operations
by Thomas Kuehl <ac7a@gci-net.com>
- 61) [72921] Re: Updated QRP Freq List
by Michael Neverdosky <mneverdosky@earthlink.net>
- 62) [72922] SMK-1 pictures
by "John J. McDonough" <wb8rcr@arrl.net>
- 63) [72923] QRP Calling Freq Comments
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 64) [72924] Sincere apology and regrets
by arrowhead1@characterlink.net (Ted Danchi)
- 65) [72925] Re: Field Day 2000 - QRP Operations
by Dean W Manley <kh6b@juno.com>
- 66) [72926] Re: QRP Calling Freq Comments
by Dave Sjolín <sjolin@swbell.net>
- 67) [72927] Best Price for FRS Radios?

by "Mike Duke" <k5xu@concentric.net>
68) [72928] Re: Best Price for FRS Radios?
by Al Patrick <arp@inet4u.com>
69) [72929] Re: OT Re: Interrogating hard drives....
by "Mike Yetsko" <myetsko@insydesw.com>
70) [72930] OT: Re: Best Price for FRS Radios?
by "Mike Yetsko" <myetsko@insydesw.com>
71) [72931] Re: Field Day 2000 - QRP Operations
by S LYON <sslyon@worldnet.att.net>
72) [72932] Re: Micromountaineer
by wb2vuo@juno.com
73) [72933] Re: Questions about shunt resistors
by "Mel Evans" <mel@euramcom.freemove.co.uk>
74) [72934] The PA power supply saga continues & continues & continues &
continues . . .
by nilsbull@juno.com

Date: Sat, 17 Jun 2000 17:03:15 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [72861] Sierra, KC2, & 10m band module question
Message-ID: <000f01bfd8b0\$395552c0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I've been tweaking my band modules for my Sierra in preparation for field day. The last step for me has been to double-check the frequency calibration of the KC-2 on all the band modules, against my IC-706 rig. The KC-2 is dead on for 40m, 20m, and 15m modules, but for the 10m module I have to set the Sierra to read about 2kHz higher than on my 706. I've double-checked to make sure I'm tuning in on the proper side, so the rigs are definitely on the same frequency.

So, my question is this. Is it the fact that the 10m module receives on the upper sideband rather than the lower (which is used by all my other modules) that causes me to need to tune 2kHz higher? If this is the case, then I should jumper W3 on the band module and program the KC2 for a second offset used only on 10m, right?

Tnx in advance for any help -

73,

Dave AB0GO

P.S. Looks like Mount Herman for me again this year for FD here near Colorado Springs, CO.

Date: Sat, 17 Jun 2000 17:06:37 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [72862] One More Thing (Sierra, KC2, & 10m band module question)
Message-ID: <000701bfd8b0\$b16b34a0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I should also mention that I did double-check the PMO oscillator frequency. It's exactly where it's supposed to be.

73,

Dave

----- Original Message -----
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Sent: Saturday, June 17, 2000 5:03 PM
Subject: Sierra, KC2, & 10m band module question

> Gang,
>
> I've been tweaking my band modules for my Sierra in preparation for field
> day. The last step for me has been to double-check the frequency
calibration
> of the KC-2 on all the band modules, against my IC-706 rig. The KC-2 is
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> on for 40m, 20m, and 15m modules, but for the 10m module I have to set the
> Sierra to read about 2kHz higher than on my 706. I've double-checked to
make
> sure I'm tuning in on the proper side, so the rigs are definitely on the
> same frequency.

>
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> upper sideband rather than the lower (which is used by all my other
modules)
> that causes me to need to tune 2kHz higher? If this is the case, then I
> should jumper W3 on the band module and program the KC2 for a second
offset
> used only on 10m, right?
>
> Tnx in advance for any help -
>
> 73,
>
> Dave AB0GO
>
> P.S. Looks like Mount Herman for me again this year for FD here near
> Colorado Springs, CO.
>
>

Date: Sat, 17 Jun 2000 19:12:28 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: <nally@talstar.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [72863] Re: Interrogating hard drives....
Message-ID: <000e01bfd8b1\$82b0d060\$3a5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
>Anyway...the authorities announced that the "computer experts" were going
>to examine the hard drives to see if "they had been copied or downloaded."
>
>Excuse me? How in the name of all that is holy can they do that? If
these
>are run of the mill drives, they don't have any information like that.
>
I think you just answered your own question. What new technology would have
to be invented to make a "logging" drive? None.

Did they have one? Maybe. It has always been a policy around classified
materials to have a means to tell if the material has been compromised. So

why not have a drive that would have logged the access.

Remember the old days of software thieving, some of the producers limited how many times you could copy a program? The "logging" was done in software.

Why do the it mechanically and in software to see if the numbers agree? Of course, the numbers would be encrypted.

Vic AD8K

Date: Sat, 17 Jun 2000 23:32:02 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72864] Re: Interrogating hard drives....
Message-ID: <394BC422.CD9010D4@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The whole thing is a joke.
Not only the drives are compromised but the entire facility!

How can they claim to have any security at all if in the middle of a major investigation someone can cruise in with the drives and plant them behind a copy machine?

How many people did they say have access to the vault?
More than three is too many. And three is just so you can cover three shifts and have a backup if someone is sick.

The instant you cannot prove exactly where an item is and who is responsible for it, it is compromised. The secure condition of any item is like virginity, gone in an instant and never recovered.

BTW The way people are talking about the info that is supposed to be on these drives then they should be "eyes only" to a very short list of people. These things should never be sitting around for anybody in the building to play with.

Say, I wonder if they are doing things in a sensible manner and have the drives hardware encrypted with the decryption hardware kept separate? Naw, they can't keep track of the drives, no way they could keep a handle on a really secure system.
:-)(

michael N6CHV

Victor Blackwell wrote:

>
> >
> > Anyway...the authorities announced that the "computer experts" were going
> > to examine the hard drives to see if "they had been copied or downloaded."

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> to be invented to make a "logging" drive? None.
>
> Did they have one? Maybe. It has always been a policy around classified
> materials to have a means to tell if the material has been compromised. So
> why not have a drive that would have logged the access.

Date: Sat, 17 Jun 2000 16:35:17 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: n0ur@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72865] Re: FD any "digital activity" last year?
Message-ID: <394C0B35.67032748@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Our club had on the order of 80 qsos on RTTY last year.

Phil

Jim NOUR wrote:

>
>
>
> I am wondering how much digital activity there was
> last year during FD. I did not take advantage of the
> new band possibilities last year, but I am thinking of
> trying some this year. The bottom line is, do I want
> to drag another computer with me to work some PSK or
> RTTY. If all I can expect are a handful of Q's, I may
> just stick to 95% CW and a little SSB like last year.
>
> GL es CU next weekend.
>
> Jim, NOUR
>

> -----
> Do You Yahoo!?
> Send instant messages with Yahoo! Messenger.
> <http://im.yahoo.com/>

Date: Sat, 17 Jun 2000 16:53:21 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [72866] QRQ Net Suspension
Message-ID: <394C0F71.A5B6E665@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends, due to extended difficulties using
my hands (Carpal Tunnel and Nerve damage from
Programming 15 years), I must place the QRQ
net on suspension.

I hope to try informal practice from time to
time at 7:00 PM PACIFIC TIME, Sundays, (0200Z UTC Monday)

The net has been a good success and could continue
with even 3 members as regulars but with the
Summer upon us I've had weak attendance.

So the opportunity to rest my hands and the
net as well is upon us.

We'll formally start up the net again after Summer.

The plan will be to operate in the General band
on 7039 KHz as usual but I will begin the
Autumn QRQ net with a 5 to 20 WPM limit and
then abruptly move to 20 to 40+ WPM as the
students progress. I see many QRQ'ers in
2001.

All the best wishes and "72". -Smilin' Ed.

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Sat, 17 Jun 2000 18:58:33 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [72867] QST: Looks like Dummy Load Night revisited
Message-ID: <01BFD88E.0959D0E0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hey, do ya'll remember "Dummy Load Night" dreamed up on this list some time ago? The idea was to try to have QSO's while transmitting into a dummy load. It eventually collapsed into sheepish laughter when everyone realized it wasn't gonna work.

Well, in this month's QST is an article called "Everything Works" in which the baseline bad antenna is a light bulb on a fence post. The author used a balun to prevent feedline radiation, and had a number of QSO's using what is essentially a dummy load. I suspect the big difference is that he was running 150 watts out and was on ten meters. I think our effort was on the typical 80 and 40 meter QRP frequencies.

So maybe the idea wasn't *that* laughable.

72--Nick, WA5BDU

Date: Sat, 17 Jun 2000 17:07:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72868] Re: QST: Looks like Dummy Load Night revisited
Message-ID: <394C12D4.9B32EE2D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A hold-over from the April issue?

Phil

Nick Kennedy wrote:

>
> Hey, do ya'll remember "Dummy Load Night" dreamed up on this list some time
> ago? The idea was to try to have QSO's while transmitting into a dummy
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> running 150 watts out and was on ten meters. I think our effort was on the
> typical 80 and 40 meter QRP frequencies.
>
> So maybe the idea wasn't *that* laughable.
>
> 72--Nick, WA5BDU

Date: Sat, 17 Jun 2000 20:22:29 EDT
From: Dean W Manley <kh6b@juno.com>
To: kd1yv@mindspring.com
Cc: qrp-l@Lehigh.EDU
Subject: [72869] Re: A slim?
Message-ID: <20000617.142629.5391.0.kh6b@juno.com>

Hi Jim and group,

The call KH6TR belonged to my friend Ed DeLong, who became
a silent key more than 10 years ago. I don't believe the call has
been reissued.

Aloha,
Dean KH6B
Hilo Hawaii

> Somebody came back to my CQ the other night
> on 40m signing KH6TR, but when I went back to him, no response,
> even after a few calls. . .
> 72/73 de Jim, KD1YV

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Jun 2000 20:29:46 -0400
From: "Andy Meng" <kc8kfi@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [72870] Re: QST: Looks like Dummy Load Night revisited

Message-ID: <003301bfd8bc\$4f9ffec0\$110da3d0@stevem>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know if it is the same set-up or not but Tom, N6BT of Force 12 has a little blurb on the back of the catalog. I think it must be the same one, because it says: Everything "works," the key is how well! It says he has worked 30 countries and got WAC in the ARRL DX CW contest! It says performance is 17-18dB down from a dipole. Not too bad considering 120W in. It would be almost the same as running 5W into a dipole, if my figuring is right.

It might work OK on RX too. I took my FT101 on vacation and hooked it up to the two sides of the wall plug on a lamp on the second floor to hear what was going on. I heard China and another DX on 40m! I just wish I could hear them with my dipole at home!

On a different note, I just got through a major problem with the K2 ATU directional coupler and am on the home stretch!

72/73,
Andy Meng KC8KFI Cincinnati, OH
Sophomore (next yr) at St. Xavier HS
<http://www.qsl.net/kc8kfi>
AOL IM: KC8KFI
FPqrp #8 QRP-ARCI #10085
QRP-L #1813 SOC NorCal
K2 #177

----- Original Message -----

From: Phil Wheeler <w7ox@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, June 17, 2000 8:07 PM
Subject: Re: QST: Looks like Dummy Load Night revisited

> A hold-over from the April issue?
>
> Phil
>
> Nick Kennedy wrote:
> >
> > Hey, do ya'll remember "Dummy Load Night" dreamed up on this list some
time
> > ago? The idea was to try to have QSO's while transmitting into a dummy
> > load. It eventually collapsed into sheepish laughter when everyone
> > realized it wasn't gonna work.

> >
> > Well, in this month's QST is an article called "Everything Works" in which
> > the baseline had antenna is a light bulb on a fence post. The author used
> > a balun to prevent feedline radiation, and had a number of QSO's using what
> > is essentially a dummy load. I suspect the big difference is that he was
> > running 150 watts out and was on ten meters. I think our effort was on the
> > typical 80 and 40 meter QRP frequencies.
> >
> > So maybe the idea wasn't *that* laughable.
> >
> > 72--Nick, WA5BDU

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sat, 17 Jun 2000 20:37:35 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "CW Reflector" <cw@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [72871] Hensley photos-a caveat
Message-ID: <CKEGICNFDIMCEKEDCEHFIELBCNAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you using Netscape / LINUX / whatever, e.g. something besides Internet Explorer 5: if you tried to look and couldn't see anything, try again. Several folks have pointed out that none of those other browsers allow spaces in datanames-a naming convention apparently unique to MS. I went back and changed ALL the Hensley references, plus a couple on the Paddles page. I'm sorry about the rest of the website. It isn't going to be retro-fitted-at least not in one long, exceedingly tedious, fell-swoop. It is entirely too much work, involving hundreds of names-and unfortunately, my main website tool makes me go through a relatively complicated procedure well beyond simply renaming the photo or whatever. I will use dashes or "_"s in the future... but a lot of the website is not going to be very compatible

with the non-MS browsers for some time to come. I will correct them as I go, so to speak-so if you see blanks, you'll know why.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

Date: Sat, 17 Jun 2000 17:39:39 -0400
From: "Terres Family" <terresfm@ncia.net>
To: <w7ox@earthlink.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72872] Re: QST: Looks like Dummy Load Night revisited
Message-ID: <001701bfd8a4\$8ba2c640\$9282f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > load. It eventually collapsed into sheepish laughter when everyone
> > realized it wasn't gonna work.

Last Sunday morning at the Littleton Area Radio Klub monthly breakfast, Rusty, K1HR, told of a friend who was checking out PSK31 software with his rig hooked to a dummy load when an "on-the-air" PSK31'er tried to answer him. Don't know how much power Rusty's friend was running into his dummy load but the story came after someone asked if PSK31 worked well with low power...

73/72
jerry terres aa1of
franconia nh

Date: Sat, 17 Jun 2000 20:57:52 -0400
From: osier <osier@northnet.org>
To: qrp-l@lehigh.edu
Subject: [72873] WTB : Tubing to build yagis.....
Message-ID: <394C1E90.E3CB4A69@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!!

A friend of mine is trying to locate a place that sells aluminum tubing for construction of yagis and towers ...anyone know of any ?????

73s es tn timer !!!!!

George , N2JNZ/QRP

Date: 17 Jun 00 18:25:41 PDT
From: Andrew Madsen <MADSENANDREW@netscape.net>
To: <qrp-l@Lehigh.EDU>
Subject: [72874] Wanted: NE(SA)602/612
Message-ID: <20000618012542.12022.qmail@www184.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi all,

I'm looking for an NE602/NE612 double balanced mixer chip. I only need one, and I don't want to have to pay \$3.00 shipping to get one. If anyone has one, and is willing to sell it to me for a dollar or two, please EMAIL me off the list AT: ac7cf@qsl.net DO NOT email madsenandrew@netscape.net!

-- =

73,
Andrew Madsen AC7CF
ac7cf@qsl.net
<http://www.qsl.net/ac7cf>
FISTS nr. 7439 | QRP-L nr. 2180 =

FPQRP_71 | A.R.S nr. 738
UARC member | ARRL member
Norcal member | NOGAQRP member

When I was a novice, I used to QRZ almost every tuning-upper

drumming up QSOs. I Hear this readablility 5 signal and I QRZ.
He sends a ?. I send R R R de KD4LKG (my Novice callsign).
He sends his call (memory lapse) an 8-lander in Ohio. We have a
short chat and he says he was tuning-up on his lightbulb dummyload
in the basement. I sure remember that qso.

Date: Sat, 17 Jun 2000 22:06:58 -0400
From: "K3GM" <k3gm@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72877] Re: Tubing to build yagis.....
Message-ID: <007601bfd8c9\$e2842380\$246e0c18@adubn1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George,
A quick check with qrz.com indicates you're pretty far from the South Jersey
area.

But, if you care to make a run down this way, we have a place near
Glassboro, NJ that's a virtual goldmine of new and surplus aluminum,
stainless steel, and iron materials. You need I-beams for elevated guy
posts? They'll send you out to the I-beam "field"; acres of I-beams!. Need
tubing for an antenna? They have aluminum tubing that you can build an 80
meter yagi from! Also, they sell stainless and galvanized cable (my guy
wire is stainless). Nuts, bolts and the like are sold by the pound. Neat
place! It's called Joseph Fazzio's, on Cross Keys-Glassboro Road, Glassboro,
NJ. It's easy to get to off the Atlantic City Expressway. Last week I got
a 4 foot X 1 5/8" X 3/8" thick solid copper bar for my station ground bus
for 10 bucks! I also picked up a 20 foot length of schedule 80 aluminum
tubing (that's thick wall!) to use as a tower mast for 20 bucks. Keep it
filed in the grey matter if you ever make a trip out this
way.....

7 3, Tom K3GM

> Hello All !!!!!

>

> A friend of mine is trying to locate a place that sells aluminum tubing
> for construction of yagis and towers ...anyone know of any ?????

>

> 73s es tn timer !!!!!

>

> George , N2JNZ/QRP

>

Date: Sat, 17 Jun 2000 22:37:58 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nally@talstar.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72878] Re: Interrogating hard drives....
Message-ID: <006701bfd8ce\$b1bbca00\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, start with standard HDs. First off, they could be encrypted. But then, they could still be interrogated to just 'dump' the data. Once you get a copy, bust at your leisure, right?

However, what if the encryption was a HUGE polynomial. And the algorithm was in the drive as well... OK, still, just snapshot everything, right?

But.... Some drives actually load their onboard OS from the media. And this is NOT normally available to the user. (ok, most users) It wouldn't be hard to put counters in there. Even encryption algorithms. Or algorithms that send out usefull and correct data, but if you know the key.... Then you get the GOOD stuff!

Some drives have encryption already. Without going into details, these drives have a 'password lock' that is used to 'unlock' the drive for access. No password, no access. If you don't know the password, about the only thing you can do is a LOW LEVEL multi-rewrite. And the lock is NOT removed until the rewrite completes, so there's no way to fool the drive. (Well, they can be beaten, but I'll leave it at that. Most uses, even savvy ones, would have a time with those drives!)

But if you get the media. you can always pull the board, plug on an analyzer, and read the media. EVEN after a single overwrite, that's why the secure stuff does multiple overwrites.

Mike

> To start with, I realize this is not qrp. But this group has some pretty
> savvy

> people contributing to it, so I may get an answer anyway :-)
>
> Saw in the news awhile ago that the people at Los Alamos had recovered
> the missing hard drives. Found behind a copier. Presumably someone had
> made copies of them.
>
> Anyway...the authorities announced that the "computer experts" were going
> to examine the hard drives to see if "they had been copied or downloaded."
>
> Excuse me? How in the name of all that is holy can they do that? If
these
> are run of the mill drives, they don't have any information like that.
>
> Puzzled in Tallahassee,
>
> John AF4WM
>
>
>
>

Date: Sat, 17 Jun 2000 22:29:21 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kc8kfi@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72879] Re: QST: Looks like Dummy Load Night revisited
Message-ID: <006601bfd8ce\$b028f500\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Look closely at the photo. They mention the balun. Now, look at the light bulb. You have a good maybe 12inches there between the end of the balun, a wire on the side, up, over the top, to the base of the bulb, and then up to the filaments. So, think about how some portable radios do it. Or like when the Elecraft people took a very early K2 to the ARRL lab, set it on a table, and plugged in a telescoping whip in the back with no ground, just the K2 on internal battery and this whip.

Now, I wonder which one REALLY works better...

Mike

> I don't know if it is the same set-up or not but Tom, N6BT of Force 12 has
> a
> little blurb on the back of the catalog. I think it must be the same one,
> because it says: Everything "works," the key is how well! It says he has
> worked 30 countries and got WAC in the ARRL DX CW contest! It says
> performance is 17-18dB down from a dipole. Not too bad considering 120W
> in.
> It would be almost the same as running 5W into a dipole, if my figuring is
> right.
>
> It might work OK on RX too. I took my FT101 on vacation and hooked it up
> to
> the two sides of the wall plug on a lamp on the second floor to hear what
> was going on. I heard China and another DX on 40m! I just wish I could
> hear
> them with my dipole at home!
>
> On a different note, I just got through a major problem with the K2 ATU
> directional coupler and am on the home stretch!
>
> 72/73,
> Andy Meng KC8KFI Cincinnati, OH
> Sophomore (next yr) at St. Xavier HS
> <http://www.qsl.net/kc8kfi>
> AOL IM: KC8KFI
> FPqrp #8 QRP-ARCI #10085
> QRP-L #1813 SOC NorCal
> K2 #177
> ----- Original Message -----
> From: Phil Wheeler <w7ox@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Saturday, June 17, 2000 8:07 PM
> Subject: Re: QST: Looks like Dummy Load Night revisited
>
>
> > A hold-over from the April issue?
> >
> > Phil
> >
> > Nick Kennedy wrote:
> > >
> > > Hey, do ya'll remember "Dummy Load Night" dreamed up on this list some
> > > time
> > > ago? The idea was to try to have QSO's while transmitting into a
> > > dummy
> > > load. It eventually collapsed into sheepish laughter when everyone
> > > realized it wasn't gonna work.

> > >
> > > Well, in this month's QST is an article called "Everything Works" in
> which
> > > the baseline bad antenna is a light bulb on a fence post. The author
> used
> > > a balun to prevent feedline radiation, and had a number of QSO's using
> what
> > > is essentially a dummy load. I suspect the big difference is that he
> was
> > > running 150 watts out and was on ten meters. I think our effort was
on
> the
> > > typical 80 and 40 meter QRP frequencies.
> > >
> > > So maybe the idea wasn't *that* laughable.
> > >
> > > 72--Nick, WA5BDU
>
>
>
> -----
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> <http://im.yahoo.com>
>
>

Date: Sat, 17 Jun 2000 23:02:24 -0500
From: "Kelly Ellison" <kelman@diadnet.net>
To: <qrp-l@Lehigh.edu>
Subject: [72880] Info on QRP mod for Alinco DX70T
Message-ID: <002b01bfd8da\$04057580\$d0c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all!

Looking for settings for the Hi/Lo power output settings on the DX70t. I
would like to make the lo 5 watts, and hi 50 watts.
I know this can be done but can't remember. Please advise. Thank you,

Kelly Ellison - WB0WQS QRP-L #702

Date: Sat, 17 Jun 2000 21:23:45 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72881] QrpBob is a straighshooter
Message-ID: <000d01bfd8dc\$ff09cba0\$82241ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a quick word to the list about the good service and extra mile I received from Wilderness Radio. Owner Bob and I have been exchanging a few emails regarding the KC-1 I ordered with my NC-40a. To summarize, I came up with a missing parts bag for the KC-1...but have had the kit sitting on my workbench for a few months! Did I ever get it? Did I lose it? The bottom line, I have no reason to think Bob didn't send it and he has no reason to think I didn't receive it!

I've turned the shack upside down looking for it but no luck. Bob is sending me 'another' KC-1 out Monday, free of charge.
Lesson learned: Inventory the kit IMMEDIATELY after you get it, even though it might not keep you company until next spring!

Thanks again to Wilderness Radio for extremely good service and excellent customer relations.

73 John K7FD

>Bob,

>I appreciate your concern and can assure you there's no monkey business on
>this end. I will keep an eye out for the KC-1; thank you. I agree with
you -
>next time I will fully inventory!

>73 John K7FD

>PS. If for some reason a 'extra' KC-1 parts bag mysteriously drops out from
>behind my workbench, I will promptly mail it back to you (with a FREE
>COFFEE/PIE coupon GOOD at K7FD!). Thanks again, Bob.

>>Hello John,

>>Since there is now way I can tell if you got it, I will have to take your
>>word for it. I have done some pretty dumb tricks in 5 years. When I ship
an

>>order, as I am packing the items, I check off the order sheet or letter in
your

>>case the items. As I mentioned I have the kc1 checked. My customers have
always

>>been very honest and I have no reason to think any differently of you. I
was a

>>bit concerned in the time lag between shipping and being notified that
something

>>is missing. I would suggest in the future for your own protection that you
>>check contents soon after arrival. I will ship a kc1 minus manual Monday.

>>Sorry for the inconveninence.

>>Regards

>>72

>>de

>>QrpBob, KD6VIO

>>Owner, Wilderness Radio

>>650-494-3806

>>email: qrpbob@datatamers.com

>>website: <http://www.fix.net/~jparkers/wild.html>

>>snail mail: Wilderness Radio,Pob 734, Los Altos,CA 94023-0734

><< Hi Bob,

><< I spent today searching everywhere for a pink bag with KC-1 parts but to
><< no avail. I honestly don't remember seeing them, Bob. Please let me know
if

><< you can send another bag of parts. Thanks.

><< 73 John K7FD

><< PS. I fired up the NC40a today for the first time and it works great!!

><< Worked W6ZOH right off the bat...I'm very pleased with the radio!!

Date: Sat, 17 Jun 2000 23:42:39 -0500
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72882] Questions about shunt resistors
Message-ID: <015a01bfd8df\$a25eed60\$3df31dce@server>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wondered about a QRP project I was making, In the ARRL Handbook, page 30-24, there is a neat 6 watt transmitter described. Looks cool. One of the resistors (R18) is a "shunt" resistor. The dscription reads "meter shunt, 131/2 inches no. 26 wire wound on a high value 1-watt resistor"

Question-Is the wire connected to each end of the resistor, after wrapping it around?

2) What is considered a high-value resistor?

Help!

TCD

Date: Sat, 17 Jun 2000 23:49:20 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <tdufres@radiks.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [72883] RE: Questions about shunt resistors
Message-ID: <000001bfd8e0\$917c2750\$9d3dc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd say 10K would be sufficient. The most important part is the "high wattage" part. The resistor really isn't going to carry any current compared to the wire. What the project really requires is a form for the actual shunt resistor which is the wire. It needs the size of the 1 watt resistor and a value sufficiently high as to not change the value of the wirewound one that you are going to create. The ends of your coil of wire should be soldered to the leads of the resistor. Again, the resistor is only a form for the shunt resistor which you make out of the #26 wire. What

you are creating is an extremely small value resistor. If you have a copy of the ARRL handbook you will find a rather detailed explanation of how shunts work and how to calculate their value. Basically what you are doing is creating a multiplier for the meter that you have. You are changing say a 0-1ma to say a 0-1 amp meter by routing most of the current through the very low value resistor (coil) and only a very small amount through the meter. This is called a shunt, which is what you are creating. This is why on meter specs you will notice two values. The meter internal resistance and the meter full-scale current. Using these you can multiply it by any value you wish. You could convert a 0-1ma meter to a 0-1000 amp meter if you wanted to do so. Again, the handbook will explain exactly what you are doing.

72/73

Kevin, WB5RUE

Leeniers? We dunt need no steekink leeniers!

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> TC Dufresne

> Sent: Saturday, June 17, 2000 11:43 PM

> To: Low Power Amateur Radio Discussion

> Subject: Questions about shunt resistors

>

>

> Wondered about a QRP project I was making, In the ARRL

> Handbook, page 30-24,

> there is a neat 6 watt transmitter described. Looks cool. One of the

> resistors (R18) is a "shunt" resistor. The dscription reads

> "meter shunt,

> 131/2 inches no. 26 wire wound on a high value 1-watt resistor"

> Question-Is the wire connected to each end of the resistor,

> after wraping it

> around?

> 2) What is considered a high-value resistor?

> Help!

> TCD

>

>

>

Date: Sun, 18 Jun 2000 01:38:01 -0400

From: osier <osier@northnet.org>

To: qrp-1@lehigh.edu

Subject: [72884] WTB: tubingThanks !!!!
Message-ID: <394C6039.B57247A1@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!!...

Many thanks to all that have replied.....!!!!!!
My friend, WN2R is in N.C. and is looking to build antennas ..the group
always comes thru for needed info !!!!!!
Many thanks again !!!

73s
George , N2JNZ/QRP

Date: Sun, 18 Jun 2000 03:32:20 EDT
From: DYARNES@aol.com
To: cqdx@teleport.com, qrp-1@lehigh.edu
Subject: [72885] Re: QrpBob is a straighshooter
Message-ID: <c9.5e04609.267dd504@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 6/17/00 9:30:19 PM US Mountain Standard Time,
cqdx@teleport.com writes:

<< Thanks again to Wilderness Radio for extremely good service and excellent
customer relations. >>

I've known Bob for several years now. I've also had the pleasure of visiting
with him at Pacificon many times. Your assessment of Bob and they way he
"takes care of business" is right on! He's a fine fella, and always tries to
be of help when he can. When I built my NC40A, and then my Sierra, he was
full of helpful hints and suggestions. When you do business with Wilderness
you end of with not just a great radio but, very possibly, a friend to boot!
Don't hesitate to do business with this guy.

72 de Dave W7AQK

Date: Sun, 18 Jun 2000 06:47:32 -0400

From: "Ron Polityka" <wb3aal@talon.net>
To: ".G-QRP Club" <GQRP@egroups.com>, ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [72886] Appalachian Trail Alert
Message-ID: <002601bfd912\$9c0b7ae0\$1ae508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello & Happy Fathers Day to All!

We are heading up to the Appalachian Trail today.
We will be located in northern Berks County just
off of Route 183 on the AT.

Look for N3A0/Carter, WB3AAL/Ron and maybe WA3WSJ/
Ed, from the trail.

We will be calling CQ AT from the trail on most of the bands
if they are open. We should be at our location and set up
between 13:30 UTC and 14:00 UTC.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society #45	Bumblebee #6
K2 sn1392	

Date: Sun, 18 Jun 2000 07:22:48 -0400
From: "Tom Bowman" <tbowman@nbn.net>

To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [72887] G3YCC Web site
Message-ID: <LPBBKNNCCFBPAKMPADLJMELFDLAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Frank, G3YCC's Web site is duplicated here

<http://users.nbn.net/~tbowman/index.html>

among several places.

73,

Tom, WA3REY

Date: Sun, 18 Jun 2000 07:23:44 -0400
From: "Nick Yokanovich" <k3ny@toad.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72888] Re: A slim?
Message-ID: <021101bfd917\$aa590860\$05bd21a2@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

There's a slim out here in the east who comes up from time-to-time using callsigns that end in TR. I've had two encounters with him when he/she was signing NL7TR. He/she said QTH was Fairbanks, Alaska, and name was Kim. When I tried to QSL for the first QSO, I eventually found the real NL7TR Kim living in Las Vegas and she said she hadn't been on the air in six years. Both contacts were on 40m. I should have suspected a slim right away because the signal was way too good to be coming from Alaska, but I was new ham and fell for it. I don't understand how the guy gets kicks out of doing this.

I am always wary now of any call with suffix 'TR'.

73, Nick, K3NY

Arnold, MD

Date: Sun, 18 Jun 2000 07:37:54 EDT
From: Macstein@aol.com
To: k3ny@toad.net, qrp-1@lehigh.edu
Subject: [72889] Re: A slim?
Message-ID: <a5.7592461.267e0e92@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/18/100 6:25:12 AM EST, k3ny@toad.net writes:

snip

> There's a slim out here in the east who comes up from time-to-time
> using callsigns that end in TR. I've had two encounters with him when
> he/she was signing NL7TR. He/she said QTH was Fairbanks, Alaska, and name
> was Kim. When I tried to QSL for the first QSO, I eventually found the
> real NL7TR Kim living in Las Vegas and she said she hadn't been on the air
> in six years.

snip

Ditto here! My first year, I was feverishly trying to get WAS in the Novice section of 40, and heard this "Kim" CQing. My qsl got a polite note from the Las Vegas Kim. Also, both Jim and Bruce here on the list asked me the name of the op I worked in Fairbanks, sensing something was rotten in the lower 48. Fortunately, I was able to snag Dan KL7Y a little later. Sure was disappointing THEN, however!

-MAC-
AF4PS
Odessa, FL

Date: Sun, 18 Jun 2000 07:06:37 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w1rifi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72890] Re: The case of the purloined callsign
Message-ID: <005301bfd91d\$aa7f1f40\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've had this call since '76 (well, variations of it - WN9, WB9, and now WB5TKA), and have never been imaginative enough to think of any cute phonetics. I gave up. Can't think of better than the boring "Tango Kilo Alpha".

Exciting, heh?

Good Lord, Ed, they're not referring to you as "Radio Frequency Interference"?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
SOC#198

May Goddes love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Hare, Ed, W1RFI <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, June 16, 2000 4:23 PM

Subject: RE: The case of the purloined callsign

> From: Richard Matthews [mailto:prm@hiwaay.net]

>

> > Do you remember spending a bunch of time when you got your first call

> > trying to think up the best phonetics?

>

> Now if only I can think of some cute phonetics for my call... :-)

>

> 73,

> Ed, W1RFI

Date: Sun, 18 Jun 2000 06:32:22 -0700

From: Roger J Wendell <zeekzilch@juno.com>

To: qrp-1@Lehigh.EDU

Subject: [72891] Updated QRP Calling Frequency List

Message-ID: <20000618.063229.-453825.0.zeekzilch@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Updated QRP Calling Frequency List:

Happy Father's Day to all Bio and Elmer Dads!

72s

WB0JNR

<http://www.rogerwendell.com>

—

— —

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 08:34:18 -0400 (EDT)

From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

To: "Dan W. Dooley" <dandooley@pipeline.com>

Cc: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>

Subject: [72892] Re: The case of the purloined callsign

Message-ID: <Pine.BSI.4.05L.10006180832220.29574-100000@vh1.min.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 18 Jun 2000, Dan W. Dooley wrote:

```
> I've had this call since '76 (well, variations of it - WN9, WB9, and now
> WB5TKA), and have never been imaginative enough to think of any cute
> phonetics. I gave up. Can't think of better than the boring "Tango Kilo
> Alpha".
```

Technical Knowledge Advocate ?

Take Kiwis Allways ?

Torrid Kanagroo Arms ?

[illegible]

<http://www.baltimoremd.com/>

<http://www.baltimorehon.com>

Baltimore's Home Page

Home of the Baltimore Lexicon

Date: Sun, 18 Jun 2000 08:51:35 -0400
From: "Jim Barrett - KF2DA" <jbarrett@stny.rr.com>
To: <nally@talstar.com>, <qrp-1@lehigh.edu>
Subject: [72893] Re: Interrogating hard drives....
Message-ID: <006001bfd923\$efbd3320\$1c335e18@stny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "John Nall" <nally@talstar.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 17, 2000 6:24 PM
Subject: Interrogating hard drives....

> Anyway...the authorities announced that the "computer experts" were going
> to examine the hard drives to see if "they had been copied or downloaded."
>
> Excuse me? How in the name of all that is holy can they do that? If
these
> are run of the mill drives, they don't have any information like that.
>

Actually, they do... All computer operating systems maintain three date/time stamps for each and every file on a hard drive: the date/time that the file was first created, last modified, and last accessed.

On a Windows 95/98 machine, if you look at a file directory listing using Windows Explorer, you will see only the "last modified" date/time stamps. However, if you highlight a file, click the right mouse button and select "properties" from the pop-up menu, you can also view the "last accessed" time stamp.

Merely reading a file will change the "last accessed" time and date as will copying the file.

Under other operating systems, such as MSDOS or Unix, you may have to use a standalone utility program to see the "last accessed" time - but no matter which OS is involved - there is always a way to view that info.

There are programs available that permit one to make a "mirror image" backup of a hard drive, without actually opening individual files - but even those leave date/time "fingerprints" (on the drive being copied from) that can be found by a knowledgeable person who knows where to look.

Regards

Jim Barrett - KF2DA

Date: Sun, 18 Jun 2000 07:54:46 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-1" <qrp-1@lehigh.edu>, <osier@northnet.org>
Subject: [72894] Re: Tubing to build yagis.....
Message-ID: <00be01bfd924\$f7f2d580\$0200000a@mcg.net>

----- Original Message -----

From: "osier" <osier@northnet.org>

| A friend of mine is trying to locate a place that sells aluminum tubing
| for construction of yagis and towers ...anyone know of any ?????

Hello George,

Look under Metal and Metal Surplus in the yellow pages. Then call them and ask if they have 6061-T aluminum tubing with .058 wall thickness and what sizes they have available. This comes in outer diameters of 5/16" on up but you want 3/8" and larger in 1/8 increments. You can also use 1/4" with .049 wall for the end pieces. Example, .500 OD-.058-.058=.384 ID a good fit for 3/8" OD tube. These will fit nicely inside each other. The surplus places will be much cheaper, the regular metal houses will have a \$100.00 or so minimum, and that will be a lot of tubing. Tell the guy what you are making and it's for Amateur Radio, sometimes these sales guys are interested and might wave the minimum. Get a few people together and you can build several yagis for a couple hundred bucks or less. The surplus place may have only one or two of the sizes you need and you may have to contact several to get it all. Always inspect the tubing closely when you pick it up and reject bent tubing. Take a few drill bits with you to verify the ID's. There is also a .067 wall thickness and it will be too small an ID. The tubing should have printing on the outside along the tube showing manufacturer, OD, 6061-T(sometimes the T is missing), and wall thickness. But check the ID anyway, mistakes happen and taking metal back is not fun. It comes in 12 foot lengths.

Now if this isn't appealing. Texas Towers sells UPS shippable lengths of this same stuff for building antennas. Might be cheaper if you're building a single smaller Yagi.

Good Luck, Hope this Helps.

73 de Cla KA0GKC

Date: Sun, 18 Jun 2000 09:00:33 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jbarrett@stny.rr.com>, "QRP Mail List" <qrp-l@Lehigh.EDU>
Subject: [72895] Re: Interrogating hard drives....
Message-ID: <007101bfd925\$a4226c80\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There are programs available that permit one to make a "mirror image"
backup
> of a hard drive, without actually opening individual files - but even
those
> leave date/time "fingerprints" (on the drive being copied from) that can
be
> found by a knowledgeable person who knows where to look.
>
> Jim Barrett - KF2DA

Actually no. Drives (generic drives) have no way of knowing, or caring
at all, what the date or time is. Or even a time relative sequence.
It's just not there in generic drives.

Anything that is date or time stamped is TOTALLY operating system
dependant.

There are 'drivers' that keep statistics, but these are external to the
drive, and unless written for the specific OS used, can slow it down
drastically.

Mike

Date: Sun, 18 Jun 2000 09:10:48 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: DYARNES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72896] Re: QrpBob is a straighshooter
Message-ID: <XFMail.000618091000.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Let me "third" that!

John N4JS

On 18-Jun-00 DYARNES@aol.com wrote:

> I've known Bob for several years now. I've also had the pleasure of visiting
> with him at Pacificon many times. Your assessment of Bob and the way he
> "takes care of business" is right on! He's a fine fella, and always tries to
> be of help when he can. When I built my NC40A, and then my Sierra, he was
> full of helpful hints and suggestions. When you do business with Wilderness
> you end up with not just a great radio but, very possibly, a friend to boot!
> Don't hesitate to do business with this guy.
>
> 72 de Dave W7AQK

Date: Sun, 18 Jun 2000 10:40:07 -0400
From: "Doug Person" <w4dxv@attglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [72897] Re: Tubing to build yagis.....
Message-ID: <001001bfd933\$1a05a400\$4dbec220@m1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Texas Towers has an excellent collection of aluminum tubing specifically for
building antennas.

www.texastowers.com

72, Doug -- W4DXV

-----Original Message-----

From: Cla KA0GKC <ka0gkc@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Sunday, June 18, 2000 9:01 AM

Subject: Re: Tubing to build yagis.....

>----- Original Message -----

>From: "osier" <osier@northnet.org>

>

>| A friend of mine is trying to locate a place that sells aluminum tubing

>| for construction of yagis and towers ...anyone know of any ?????

>

>Hello George,

>

>Look under Metal and Metal Surplus in the yellow pages. Then call them and

>ask if they have 6061-T aluminum tubing with .058 wall thickness and what

>sizes they have available. This comes in outer diameters of 5/16" on up
>but

>you want 3/8" and larger in 1/8 increments. You can also use 1/4" with .049

>wall for the end pieces. Example, .500 OD-.058-.058=.384 ID a good fit for

>3/8" OD tube. These will fit nicely inside each other. The surplus places

>will be much cheaper, the regular metal houses will have a \$100.00 or so

>minimum, and that will be a lot of tubing. Tell the guy what you are
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>and it's for Amateur Radio, sometimes these sales guys are interested and

>might wave the minimum. Get a few people together and you can build
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>yagis for a couple hundred bucks or less. The surplus place may have only
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>or two of the sizes you need and you may have to contact several to get it

>all. Always inspect the tubing closely when you pick it up and reject bent

>tubing. Take a few drill bits with you to verify the ID's. There is also

>a

>.067 wall thickness and it will be too small an ID. The tubing should have

>printing on the outside along the tube showing manufacturer, OD,

>6061-T(sometimes the T is missing), and wall thickness. But check the ID

>anyway, mistakes happen and taking metal back is not fun. It comes in 12
>foot

>lengths.

>

>Now if this isn't appealing. Texas Towers sells UPS shippable lengths of
>this

>same stuff for building antennas. Might be cheaper if you're building a

>single smaller Yagi.

>
>Good Luck, Hope this Helps.
>
>73 de Cla KA0GKC
>
>
>
>
>
>

Date: Sun, 18 Jun 2000 07:47:37 -0700
From: Donald I Roher <donroher@juno.com>
To: ka9nzi@arrl.net, Richard@norcomm.demon.co.uk, chereck@radiks.net,
kb5ipq@wans.net, andersbocker@att.net, qrp-1@Lehigh.EDU, donroher@juno.com,
sgci@egroups.com
Subject: [72898] DONROHER: Wrangell Island Update
Message-ID: <20000618.074743.3246.2.DONROHER@juno.com>

We will be back on Wrangell Island for the month of July. This will be our last trip this year. We do several trips aimed at major contests, IOTA and a QRP operation. Wrangell is NA-041 in the Alexander Archipelago and US Island AK-039s.

This trip date is: 26 June to 01 Aug 2000,

Well there wasn't much interest in QRP contacts this year..... We had 2 QRP replies so we set the Sked as follows....

Daily as time, activities and the bands conditions permit:

10 meter	SSB	28.450	NA Islands/IOTA call
15 meter	SSB	21.350	NA Islands/IOTA call
20 meter	SSB	14.260	NA Islands/IOTA call
40 meter	SSB	7.250	NA Islands/IOTA call
80 meter	SSB	3.890	CW 3.675 CW alt. 3.710 Long Wire

Propagation test

Daily Check ins:

40 meters	SSB	7.2335...	0000z -0300z...Century Club DX Net (alt freq is 7.243).
40 meters	SSB	7.2930...	0300z...Sandia Net for messages.
40 Meters	CW	7.1400....	0505z...QRP
40 meters	CW	7.1450...	1530z...listen for Sked QRP contacts (saturday only)
40 meters	CW	7.1400....	0530z...Daily check with WB0UFF.

I will at 0905 p.m. Alaska time (0505Z) call CQ on 7.140 QRP. The reason for the odd starting time is we listen for radiograms. A radiogram can be sent free of charge by phoning KSTK Radio at 800-874-5785, ask that your radiogram be sent to Don Roher or NL7QT at Eastern Passage, list the Freq. time and date Zulu that you would like to try for a contact. Radio grams are sent 4 times per day, for three days with the last at the 9:00 p.m.

----- End forwarded message -----

Date: Sun, 18 Jun 2000 10:26:43 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>, <wvara@butler.indiana.net>
Subject: [72899] Micromountaineer
Message-ID: <002001bfd939\$9c1be3e0\$bd365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Micromountaineer is featured in the July QST.
At Dayton at the Kanga booth I got to see a prototype of it.
Here's a picture of the prototype I saw.
<http://www.indiana.net/~wd9eyb/dayton00/pretty.jpg>

Jim, WD9EYB

Date: Sun, 18 Jun 2000 20:46:18 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72900] Field Day 2000 - QRP Operations
Message-ID: <394D978A.7199C28A@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy from the desert southwest,

Just curious how many other QRP exclusive operations will be on during the ARRL Field Day? Maybe I can compile a list.

I plan to be on with my K2, running CW, somewhere in the

mountains of southern Arizona.

Regards, Thomas - AC7A (Tucson)

Date: Sun, 18 Jun 2000 10:49:07 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [72901] Re: New 10 meter qrp xcvr - July QST
Message-ID: <000501bfd93c\$bdbcdec0\$e3365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The picture link I just posted,
<http://butler.indiana.net/~wd9eyb/dayton00/pretty.jpg>
is obviously a picture of Bill's, N8ET, 40 meter prototype
that I took at the Kanga booth at Dayton.
I should have read the list before posting.

Jim, WD9EYB

Date: Sun, 18 Jun 2000 12:03:25 -0400
From: radioham@home.com
To: qrp-l@lehigh.edu
Subject: [72902] RE: Updated QRP Freq List
Message-ID: <3.0.6.32.20000618120325.007aa630@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What is this 50.885 freq for SSB on 6 meters? Who chose that? Sounds like an awfully lonely place - unless you have a full fettered 6M rig or transverter, and even then, who will be up there to talk to? The main 6M freqs for SSB are between 50.1 and 50.15 and, during a contest or big opening, maybe as high as 50.125, but never as high as 50.885.

How does this get updated so we aren't deluding people??

And, while I'm at it - 7.285 is just about where the 40 meter AMers hang out. Not to mention the broadcast QRM. But I don;t have any good suggestions for that band. 3.985 is also a lousy spot - not only is there

BCI interference, but a lot of political looney tunes hang out there. Forget about standardization, find a place, maybe 3.935 or something, where stations aren't wall to wall.

Finally, isn't 1.825 very near or in the DX calling window for 160?? And most of the SSB activity is a lot higher - considering the band is so wide, why not use 1.885 or higher?

I hang out on SSB a lot - SSB QRP works best for me on 15, 17, 12, 10 and 6. But we have to give folks who want to use this mode at QRP levels a real chance to meet someone else. The freqs I mentioned just won't cut it.

72/73,

Steve, N4EUK
Reston, VA

Date: Sun, 18 Jun 2000 12:00:28 -0400 (EDT)
From: Rich Mulvey <mulveyr@iname.com>
To: John Nall <nally@talstar.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72903] RE: Interrogating hard drives....
Message-ID: <XFMail.000618120028.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 17-Jun-00 John Nall wrote:

> To start with, I realize this is not qrp. But this group has some pretty
> savvy
> people contributing to it, so I may get an answer anyway :-)
>
> Saw in the news awhile ago that the people at Los Alamos had recovered
> the missing hard drives. Found behind a copier. Presumably someone had
> made copies of them.
>
> Anyway...the authorities announced that the "computer experts" were going
> to examine the hard drives to see if "they had been copied or downloaded."
>
> Excuse me? How in the name of all that is holy can they do that? If these
> are run of the mill drives, they don't have any information like that.

When I saw that comment in the news reports, my first thought was,
"Who is dumber - the Los Alamos talking head who said that, or the reporters

who repeated it?"

At least under Unix, if you use the "standard" tools to examine or copy files, you can find out when they were last read. But, you can also examine or copy files with *other* standard tools that will leave no traces at all.

Unless these are custom drives (which I doubt) that have on-board software that tracks access to particular sectors, (Which, if you think about how often a typical drive is accessed, would add up to a LOT of tracking information to record in a very short time) then they're just blowing smoke.

- Rich

Date: Sun, 18 Jun 2000 09:12:43 PDT
From: "Donald Philbin" <donauldphilbin@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [72904] Interrogating hard drives....
Message-ID: <20000618161243.42619.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have it on good authority...

If you strap the hard drive into a rickity old wooden chair,
under a single glaring 200 Watt light bulb, which is dangling from the
ceiling and threaten it with a 100,000 gauss magnet...

it will talk!

D.K.

KD6TK

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Sun, 18 Jun 2000 12:29:46 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: qrp-l@lehigh.edu
Subject: [72905] MPX-40 QRP DSB/CW Rig FS
Message-ID: <XFMail.000618122946.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MIME-Version: 1.0

Digitech Electronics MPX40 10W PEP/CW (adjustable) .
Digital Freq Readout
DSB sounds just like SSB to receiving Station.
Compact(8.3X6.1X2. Draws about 125ma on receive.
Uses same mike as Norcal Cascade/White Mountain XX, etc. (RS Speaker mike works FB).
With Manual

I just don't care for phone operation any more, and if I do, I have the K2.

\$125 shipped CONUS.

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
/ _/_ _/_ _/_ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Sun, 18 Jun 2000 16:36:02 -0500
From: "chuck munce" <k0gjx@email.msn.com>
To: <radioham@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72906] Re: Updated QRP Freq List
Message-ID: <001101bfd96d\$3e553f20\$d0370b3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve

I said that a long time ago no one cares or even uses it...chuck

73 chuck k0gjx
please check out the slug saver / organizer at
<http://www.tc.umn.edu/nlhome/m374/husby002//k0gjx/k0gjx.htm>

----- Original Message -----

From: <radioham@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, June 18, 2000 11:03
Subject: RE: Updated QRP Freq List

> What is this 50.885 freq for SSB on 6 meters? Who chose that? Sounds like
> an awfully lonely place - unless you have a full featured 6M rig or
> transverter, and even then, who will be up there to talk to? The main 6M
> freqs for SSB are between 50.1 and 50.15 and, during a contest or big
> opening, maybe as high as 50.125, but never as high as 50.885.
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> How does this get updated so we aren't deluding people??
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> And, while I'm at it - 7.285 is just about where the 40 meter AMers hang
> out. Not to mention the broadcast QRM. But I don;t have any good
> suggestions for that band. 3.985 is also a lousy spot - not only is there
> BCI interference, but a lot of political looney tunes hang out there.
> Forget about standardization, find a place, maybe 3.935 or something,
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> most of the SSB activity is a lot higher - considering the band is so
wide,
> why not use 1.885 or higher?
>
> I hang out on SSB a lot - SSB QRP works best for me on 15, 17, 12, 10 and
> 6. But we have to give folks who want to use this mode at QRP levels a
> real chance to meet someone else. The freqs I mentioned just won't cut
it.
>
> 72/73,
>
> Steve, N4EUK
> Reston, VA
>

Date: Sun, 18 Jun 2000 12:42:08 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72907] OT: Re: Interrogating hard drives....
Message-ID: <394CFBE0.1873@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>
>
>
> Actually no. Drives (generic drives) have no way of knowing, or caring
> at all, what the date or time is. Or even a time relative sequence.
> It's just not there in generic drives.
>
> Anything that is date or time stamped is TOTALLY operating system
> dependant.
>

It is no big trick for a program file to copy itself into RAM memory, run its copy, look back at itself on the disk media, and modify itself or update itself, based on what time it is (read the real time clock), what is in the environment, etc. This is done all the time. This is how the "time bomb" in virii and trojan horses works. On the "secure" (sic) drives most of the operating system, except for a small read-only part that loads the operating system off the disk into memory at boot-up, is kept on the disk media also.

72/73,
Clay N4AOX

Date: Sun, 18 Jun 2000 11:59:08 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [72908] Looks like Dummy load
Message-ID: <20000618.115909.10830.4.n4so@juno.com>

Similar in RST to G3ZWH/QRPP 400 Milliwatts on 14.060.
--or the SMK-1 rigs.
Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 13:17:20 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wyn@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72909] Re: Interrogating hard drives....
Message-ID: <004d01bfd949\$827f8b20\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's true, but there is NOTHING inherent in a drive that knows anything at all about time or sequences.

I think the confusion is you are assuming that the drive will be 'mounted' or otherwise 'recognized' in a system. When in fact it's quite easy to 'snapshot' a drive. (An 'unlocked' drive? Certain drives CAN be locked to prevent this!)

In fact, the timestamps that inadvertently get put on a drive when the drive is put on a system to 'copy it', are the result of the OS used to run the utility. Otherwise, there would be no trace at all of the drive being accessed. Once an image of the drive is made, then it can be busted 'at leisure'.

How would you do this? Well, first off, get a laptop with two PCMCIA slots. Get two 'GreyStone' cards, which are PCMCIA to IDE cards. Have one drive ready to 'receive' the data plugged into one GreyStone card. Boot DOS 6.x and run SystemSoft CardSoft drivers with ATADRV. Grab the drive you want to 'snapshot' and plug it into the other GreyStone card. If you don't know the 'type' of drive beforehand, issue an ID to the drive, and save it. Now do a 'raw' copy to the new drive, linear sector by linear sector. If the drives are not 2.5" drives, you'll have to make up a small adapter and maybe even a 'switch' that's controlled by the 5v drive power from the GreyStone, as they only can provide the power normally consumed by a 2.5" drive.

Done this way, there will be NO trace on the source drive that you did anything, IF the drive is 'generic'.

If the source drive is 'locked', then this scheme won't work 'as is'.

Doing it this way, there will be NO interaction with the drive, just raw read functions. If you don't try to actually 'read' the drive, then the ATADRV program won't even issue translation commands to the drive (which could actually be boobytrapped, if the drive is 'custom'). The ATADRV program does allow 'raw' access to the ATA Hard Drive Task Registers totally independent of the OS,

without knowing where they are located in the IO (or Memory) map.

As to your note about the 'look back' and self modifying snippet, yes, that is a common practice. But remember, this was NOT about RUNNING a drive, it was about COPYING, totally different.

That type of snippet is invaluable in one of the main tenets of security. That is, someone seeing your data is not NEARLY as dangerous as someone seeing your data and you know knowing that they saw it. In fact, someone seeing your data may only be a minor hindrance. Someone seeing your data and you knowing he saw it, but he doesn't know you know can be an advantage! I know, it's bizarre twisted logic. But this depends on the PHYSICAL security of the information, something that was violated when the drives were 'unaccountable' for a short period of time.

Mike

> Mike Yetsko wrote:

> >

> > Actually no. Drives (generic drives) have no way of knowing, or caring
> > at all, what the date or time is. Or even a time relative sequence.

> > It's just not there in generic drives.

> >

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> run its copy, look back at itself on the disk media, and modify itself
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> what is in the environment, etc. This is done all the time. This is
> how the "time bomb" in virii and trojan horses works. On the "secure"
> (sic) drives most of the operating system, except for a small read-only
> part that loads the operating system off the disk into memory at
> boot-up, is kept on the disk media also.

>

> 72/73,

> Clay N4A0X

Date: Sun, 18 Jun 2000 12:28:34 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-1@lehigh.edu

Subject: [72910] Micromountaineer Revisited
Message-ID: <20000618.123003.10830.10.n4so@juno.com>

PA 2N3904's???

The power amplifier is a pair of 2N3904's.
This will work but I question the longevity and stress placed on a pair of non-RF Power Transistors. The preference is for a real PA such as found in the Elecraft K-2, DSW-20, NorCal 20 and so on.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 12:38:12 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [72911] Updated QRP Calling Frequency List
Message-ID: <20000618.123815.-266161.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

N4EUK and K0GIX bring up some good points about the QRP calling frequencies. As much as I'd like to change them I don't believe I have the authority to do so. Maybe it's time for a "Constitutional Convention" for a national, or maybe even international, agreement on calling frequencies?

Just for comparison I linked the NJ QRP Club frequency page off the QRPp Award calling frequency list(<http://www.geocities.com/qrpaward/qrpfrequencies.html>) page - the two are close but not exact...

Anyway, have fun and remember what the Ten Ten guys used to say; "...You have to make contacts to get results..."

72s

Roger
WB0JNR
<http://www.rogerwendell.com>

-
--

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 11:53:38 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: ac7a@gci-net.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72912] Re: Field Day 2000 - QRP Operations
Message-ID: <394D1AB2.D085450D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As usual, the Zuni Loop Expeditionary Force will be operating from approx.
7,000' elevation, near Wrightwood, CA.

I think there will be as many as four K2s in the lineup, if I remember
correctly from the planning get-together two weeks ago.

72 de Jim - AD6CW

Thomas Kuehl wrote:

>
> Howdy from the desert southwest,
>
> Just curious how many other QRP exclusive operations will be
> on during the ARRL Field Day? Maybe I can compile a list.
>
> I plan to be on with my K2, running CW, somewhere in the
> mountains of southern Arizona.
>
> Regards, Thomas - AC7A (Tucson)

Date: Sun, 18 Jun 2000 14:16:38 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: n4so@juno.com
Cc: qrp-l@lehigh.edu
Subject: [72913] Re: Micromountaineer Revisited
Message-ID: <200006181854.0AA22963@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> PA 2N3904's???
>
> The power amplifier is a pair of 2N3904's.
> This will work but I question the longevity and
> stress placed on a pair of non-RF Power Transistors.

Depends on how much power thier putting out, eh?
Haven't looked at the spec's, but couple 100 mw's would be my guess.
Much more than that, and yes, you'd want a hefter PA...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 18 Jun 2000 15:06:06 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <W1REX@aol.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>, "Joe Randazzo (E-mail)"
<randazzo@together.net>
Subject: [72914] RE: Lobstercon????
Message-ID: <000501bfd958\$4205f7a0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi rex!

I'm not there yet!?

Please count me in. My best dates are in August. And, thanks for
spearheading what undoubtedly will be another FB QRP pow-wow.

Vy 73, AI2Q, Alex in Kennebunk .-.-.

-----Original Message-----

From: W1REX@aol.com [mailto:W1REX@aol.com]
Sent: Sunday, June 18, 2000 10:32 AM
To: aa1mi@arrl.net; AA1PD@yahoo.com; ai2q@ispchannel.com;
boice@bigfoot.com; Cellobrown@aol.com; colcal@srv.net;
dmarandos@cadecorp.com; fstuart@maine.rr.com; hamjoel@juno.com;
houser@usm.maine.edu; jfitton@lucent.com; kd1jv@moose.ncia.net;
kf6ml@pacbell.net; malman@world.std.com; michaelbstjames@email.msn.com;
n1yuk@nemain.com; nvj@megalink.net; Peter_Simpson@ne.3com.com;
rlockard@worldnet.att.net; rpeince1@maine.rr.com; w1me@ime.net;
wlegge@maine.rr.com
Subject: Lobstercon????

Hello fellow QRPers,

I was looking at the calendar recently and noticed that July was pretty sparse on hamfests so I was wondering if July 15th would be a good day to shoehorn in a mini QRP gathering.....Harborcon was a great day

(weatherwise

for November) and QRPwise for getting together and meeting our comrades-in-QRP. So I thought it would be an even bigger event if we could guarantee a nice warm day (notice I did not say sunny) and a little more notice. I have a couple little somethings up my sleeve and one of them involves eating strange looking "bugs". Please let me know if either of these strange rituals (QRP gatherings or eatin' bugs) appeals to you and fits into your busy schedules. I would like to meet up with more of my fellow QRPers and have a fun time tooboot.

CHECK THOSE CALENDARS!

PLEASE EMAIL ME BACK WITH ANY QUESTIONS &/OR COMMENTS...

W1REX Rex Harper

Date: Sun, 18 Jun 2000 12:28:11 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "ELECRAFT" <elecraft@qth.net>
Subject: [72915] PW-1/Inducti-Match FOTOS
Message-ID: <000301bfd95b\$58ead6e0\$8d231ad8@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Photo's of the installed inducti-match and PW-1 ->
<http://www.teleport.com/~cqdx/pw.htm>

Please be patient; there are four photo's...it takes about one minute to download the page on my rural 28.8 connection.

To solve my impedance mismatch with the PW-1 on 30m and 40m, I decided to use a spare inducti-match (<http://www.hamstick.com/>) and ended up obtaining 1.0:1 on my frequency of choice. I first found my most resonant point with the PW-1 coil. Then I tapped into the inducti-match to find a better match. Then back to the PW-1 coil to adjust slightly for a final 'best' match on the MFJ analyzer.

The base of the inducti-match is mounted on the 'hotside' of the antenna, with a shorting alligator cliplead between the match and ground. To get the feedpoint of the antenna above the roofline of the vehicle, a 21" aluminum 'extender' was mounted with coax running up inside to the tip/feedpoint.

I do not run mobile in motion with the PW-1 only fixed/portable. Actual 'mobiling' is done with my HamSticks, one for each band.

Hope this gives some ideas to anyone playing w/ the PW-1. The inducti-match could easily be used on a tripod or other mount.

73 John K7FD

PS. The photos show no radials, only using the vehicle as counterpoise. Just for grins, I did attach the radials included with the PW-1. This made no difference in lowering the SWR readings; your mileage may vary depending on your counterpoise.

Date: Sun, 18 Jun 2000 14:48:56 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: ac7a@gci-net.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72916] Re: Field Day 2000 - QRP Operations
Message-ID: <3.0.2.32.20000618144856.007b9b30@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thomas and group,

I'm the only QRPer in our club so we won't be able to claim QRP as a category. I'll be running my IC706 at about 4 watts CW using a solar charged battery. Mostly 40 and 20 but checking 15 and 10 too.

The IC706 is not an efficient QRP rig but I'm using a 200AH deep cycle battery and the two 50W solar panels with controller should keep it going for 24 hours (I hope). I'd like very much to get more points than the QRO ops so I'll be looking for all the Qs I can get.

Of course, if it continues to be as rainy next week end as it's been this week end, well...

We'll be on 6 and 2 meters too both SSB and CW -- May the Es gods be with us...

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sun, 18 Jun 2000 15:10:38 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: zeekzilch@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72917] Updated QRP Call Freq List (Not OK on 6)
Message-ID: <3.0.2.32.20000618151038.00856ba0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Roger and all,

Great job but...

>Updated QRP Calling Frequency List:

Some have already commented on problems with some of the frequencies in the list. These seem to get propagated without anyone really doing any checking.

On 6 meters, the 50.060 CW frequency is in the middle of the beacon subband. If you call there you won't get anyone. The presently used CW only range is about 50.085 to 50.010. I've suggested to QRP ARCI and others to use 50.096 as a QRP CW starting point.

During contests, CW is often anywhere the SSB stations are and I worked several around 50.175, the 6-club calling freq.

Similarly, the 50.885 QRP SSB frequency is way out of the normally used range. In the June 2000 VHF contest, stations were generally in the area of 50.12 to 50.225, none higher that I know of. Again, I've suggested 50.136 as a QRP SSB frequency.

On 6 the standard SSB calling freq is 50.125 for domestic and 50.110 for DX. There is some effort to move the domestic freq to 50.2. The AM calling freq is 50.4. There are FM frequencies that I'm aware of but not familiar with.

The CW work that the QRPers were doing on 160 meters this past winter centered around 1810.

The rest of the CW freqs. seem OK -- don't know about the SSB stuff.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sun, 18 Jun 2000 16:10:03 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72918] OT Re: Interrogating hard drives....
Message-ID: <394D2C9B.3518@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>
>
>
> I think the confusion is you are assuming that the drive will be
> 'mounted' or otherwise 'recognized' in a system. When in
> fact it's quite easy to 'snapshot' a drive. (An 'unlocked' drive?
> Certain drives CAN be locked to prevent this!)

>
>
> How would you do this? Boot DOS 6.x
>

> Done this way, there will be NO trace on the source drive that you
> did anything, IF the drive is 'generic'.
>
> If the source drive is 'locked', then this scheme won't work 'as is'.
>
> Doing it this way, there will be NO interaction with the drive, just
> raw read functions.

> totally independent of the OS,
> without knowing where they are located in the IO (or Memory) map.
>
>

>I know, it's bizarre twisted logic.

Hint: Where are the heads parked?

Without the encryption key, the image copy will be 1's and 0's. The key can be hidden anywhere, hardware or software. Take some simple encryption/decryption scheme based on say 1028 bits, and use it to hash large binary compressed files. A CRAY may break the code sometime after the SETI program detects extra-terrestrial life.

72/73,
Clay N4AOX

Date: Sun, 18 Jun 2000 10:59:22 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [72919] Re: Sierra, KC2, & 10m band module question
Message-ID: <000b01bfd947\$a4c5e000\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I figured it out--duhhhh. The oscillator in the TX mixer in my Sierra is set to 4.914 MHz, not 4.915 MHz (and the BFO oscillator is set to 4.9146 MHz, not 4.9156). Since the PMO frequencies are selected assuming an IF of 4.915 MHz, I get a 2kHz difference on 10m because for 10m the IF and PMO are added to get the output, whereas for the lower bands they're subtracted.

It appears that the center of the bandpass of the crystal filter in my receiver is at 4.914 MHz, which explains why I have everything offset 1kHz

down from the published specs. I'll have to double check to make sure I don't have the BFO & the product detector goofed up.

I was always suspicious of my original hypothesis for the difference. Now I know it was wrong. It has nothing to do with upper vs lower sideband.

73,

Dave AB0GO

----- Original Message -----

From: "David Ek" <ekdave@earthlink.net>

To: "QRP-L" <qrp-l@lehigh.edu>

Sent: Saturday, June 17, 2000 5:03 PM

Subject: Sierra, KC2, & 10m band module question

> Gang,

>

> I've been tweaking my band modules for my Sierra in preparation for field
> day. The last step for me has been to double-check the frequency
calibration

> of the KC-2 on all the band modules, against my IC-706 rig. The KC-2 is
dead

> on for 40m, 20m, and 15m modules, but for the 10m module I have to set the
> Sierra to read about 2kHz higher than on my 706. I've double-checked to
make

> sure I'm tuning in on the proper side, so the rigs are definitely on the
> same frequency.

>

> So, my question is this. Is it the fact that the 10m module receives on
the

> upper sideband rather than the lower (which is used by all my other
modules)

> that causes me to need to tune 2kHz higher? If this is the case, then I
> should jumper W3 on the band module and program the KC2 for a second
offset

> used only on 10m, right?

>

> Tnx in advance for any help -

>

> 73,

>

> Dave AB0GO

>

> P.S. Looks like Mount Herman for me again this year for FD here near
> Colorado Springs, CO.

>

>

Date: Mon, 19 Jun 2000 01:20:20 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Chuck Carpenter <w5usj@globeco.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72920] Re: Field Day 2000 - QRP Operations
Message-ID: <394DD7C4.8972DC51@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Chuck,

I'll add you to the list of FD QRP op's that have contacted me. Later in the week, I'll put out the list. We can all look out for each other amongst the chaos!

Best Regards, Thomas - AC7A (Tucson)

Chuck Carpenter wrote:

> Thomas and group,
>
> I'm the only QRPer in our club so we won't be able to claim QRP as a
> category. I'll be running my IC706 at about 4 watts CW using a solar
> charged battery. Mostly 40 and 20 but checking 15 and 10 too.
>
> Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sun, 18 Jun 2000 20:23:44 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72921] Re: Updated QRP Freq List
Message-ID: <394CE980.62148582@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not only that but there is a frequency for radio control models at

50.880.

michael N6CHV

radioham@home.com wrote:

>

> What is this 50.885 freq for SSB on 6 meters? Who chose that? Sounds like
> an awfully lonely place - unless you have a full featured 6M rig or
> transverter, and even then, who will be up there to talk to? The main 6M
> freqs for SSB are between 50.1 and 50.15 and, during a contest or big
> opening, maybe as high as 50.125, but never as high as 50.885.

>

Date: Sun, 18 Jun 2000 16:27:32 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [72922] SMK-1 pictures

Message-ID: <00ae01bfd963\$a4151ce0\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Finally got my SMK pictures posted:

<http://www.qsl.net/wb8rcr/SMK1.html>

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 Jun 2000 13:32:53 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [72923] QRP Calling Freq Comments

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBCE@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

I've been following the comments on getting a (reliable) list of QRP
calling frequencies and wanted to add mine:

I've seen differences in some "QRP Frequency Lists" although most get

3560, 7040 and 14060 right. The reason for the differences may be the following-

1. Ancient QRP freqs, pre-dating WARC and changes in the subbands....

The information is passed along many times but never questioned or verified.

2. Someone produces a kit which includes surplus "oddball" TV or clock frequencies. (Or it could be a CB conversion). The information

is passed along and if seen enough, becomes blindly accepted as a

QRP calling frequency.

3. Special QRP group or club net frequencies become spread through many lists

and misrepresented as calling frequencies.

4. The list publisher is biased toward a particular band or mode and neglects the rest.

Publishers of QRP frequency lists should first consider their objective; do they want to publish a list of QRP calling and meeting frequencies? Do they also want to publish local QRP net frequencies? Do they also want to publish CB conversion (12/10 meter) or TV and clock frequencies?

Publishers of QRP frequency lists should also consider their information and it's accuracy.

Is the frequency actually used as a QRP calling and meeting place? How old is the information? Who said it was a QRP frequency? Because it is "their" groups frequency does that make it standard?

For a list of QRP (CW, SSB, AM, Data, FM...etc) calling frequencies to work, it must first be agreed on and standardized by QRP'ers. For this to work, it cannot be just one club from one region making the decisions. The QRP community has to be involved.

The QRP Calling Frequency List should not be hard to standardize. After all, these HF and VHF frequencies are only 'suggested use' and cannot be coordinated as is done with repeater channel pairs.

A few of the benefits of a standardized QRP Freqs List are:

1. Technical benefits for QRP'ers with simple crystal or VXO equipment, easier to net with others.
2. Ability to load these standard freqs into channel memories and ease of monitoring.
3. Using the frequencies in the list to interest other amateurs in QRP; if they know where to monitor for QRP activity it might encourage them to try QRP.
4. Spreading an agreed-on, standard list among non-QRP groups may reduce QRM. (Example: RTTY on 7040)

73,
Jay
W6CJ

Date: Sun, 18 Jun 2000 17:16:41 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>, KnightLites Email List <klqrp@vramp.net>
Subject: [72924] Sincere apology and regrets
Message-ID: <394D3C39.6EDB70FC@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

List members,

My recent add, offering (among other things) an OHR Classic 2040 for sale, evoked a VERY deserving caution from Paul, AA4XX. I was terribly mistaken about its condition. I wish to apologize to everyone on these lists for what happened, especially those who expressed interest in the rig. I've barely used the 2040 (1 logged QSO using it) and I misunderstood what Paul told me about the problems it has. I thought it was in fine working condition.

When Paul informed me of the VFO and key-click problems, I assumed (a BIG mistake) that he was talking about a design issue, not problems specific to this unit. It might have been obvious to a more experienced ham that these weren't design problems. I'd heard of QRP rigs becoming unstable and developing key-clicks when the batteries ran low. I knew the 2040 was a relatively high current QRP rig, so I just assumed that he was talking about that. I should have clarified what its problems were by asking more questions. It was entirely my fault. Paul told me everything I needed to know. I just didn't ask enough questions to fully understand the problems. I based my asking price on another add I saw, but I never confirmed that the rig's condition was satisfactory to that price.

Before I put out any add, I did call and ask Paul if he wanted the rig back or if he knew anybody who needed it. He told me he didn't. However, I've decided that I still shouldn't have tried to sell it.

I'm glad Paul caught the add before somebody bought (or traded for) the 2040. I'd feel even worse if that had happened. Thanks Paul!

Lessons learned:

1. I should NOT have tried to sell a rig that was given to me. I've decided that if can't give it away to somebody who DOES need it, I'll give it to somebody who DOESN'T need it (i.e. has equipment already). I'm not using it.

2. I SHOULD have verified (and sought to understand) the rig's current condition MUCH better than I did.

So...

I now have 1 OHR Classic 2040 who's CURRENT condition I still don't know. Assuming that nothing has changed while it's been sitting here, it has (at least) the two problems Paul warned about. I would be very happy to give it to anyone who needs a rig, preferably someone who doesn't already have one (or two, or three, etc. :-)) for the cost of shipping.

For the record, I always sell all equipment with the assumption that if you find something wrong with the item(s) you get, I am MORE than willing to fully refund your money or equipment (in the case of a trade). If I ever try used radio sales again (not likely), I want that to be VERY clear. I'm not technically skilled enough to evaluate radios, and I don't have cash to have somebody check every item out. So, this is my only option.

If anyone has any advice to add to my conclusions about this whole mess, PLEASE feel free to do so; but please send it directly to me (not over the list). My email address: arrowhead1@characterlink.net

In the mean time, I'm going to go back to doing things that I know I can do RIGHT. :-|

--

Regretfully,
Mike, KE4TSA

Date: Sun, 18 Jun 2000 17:25:25 EDT
From: Dean W Manley <kh6b@juno.com>
To: ac7a@gci-net.com
Cc: qrp-1@Lehigh.EDU
Subject: [72925] Re: Field Day 2000 - QRP Operations
Message-ID: <20000618.112916.5391.1.kh6b@juno.com>

Hi Thomas,

Big howdy from the tropical Pacific.

Exclusive QRP on ARRL FD, also MilliWatt FD. We will use my K2, 2 years in a row!! Our club call KH6IN and our exchange: "1A PAC"

Our menu will be routine "steak and lobster" Also, we plan to make a few contacts. :-)

Aloha,
Dean KH6B
HI QRP Club
Hilo Hawaii

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 16:30:33 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: JCoote@ci.arcadia.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72926] Re: QRP Calling Freq Comments
Message-ID: <394D3F79.72249D75@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Coote, Jay" wrote:

>
> 4. Spreading an agreed-on, standard list among non-QRP groups may
> reduce QRM. (Example: RTTY on 7040)

Bad example.

According to ARRL, 7040 is the standard rtty dx calling frequency.
Disagreement on 40m will continue until the band changes to 6.9-7.2 mhz
or until sw broadcasters move out.

Currently, most European hams are only permitted rtty operation between
7035 and 7045 and there is no phone, cw, or rtty operation above 7.1 mhz
due to short wave broadcasting. If you think the BBC is loud here, you
can imagine what it must be like over there.

73 de Dave, N0IT

Date: Sun, 18 Jun 2000 16:38:12 -0400
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-1@lehigh.edu>

Subject: [72927] Best Price for FRS Radios?
Message-ID: <000d01bfd965\$3ffe06c0\$2a320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Perhaps this is stretching the true qrp-l purpose a bit, but, I'll take the chance.

I'm looking for a good price on Family Radio Service units. The no-frills models will be fine.

The best I've found is \$29.95, but, I'd like to beat that if I can.

Any ideas on where to look? Been to RS already.

Mike, K5XU

Date: Sun, 18 Jun 2000 17:52:02 -0400
From: Al Patrick <arp@inet4u.com>
To: k5xu@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [72928] Re: Best Price for FRS Radios?
Message-ID: <394D4482.38739B6F@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Duke wrote:

> Perhaps this is stretching the true qrp-l purpose a bit, but, I'll take the
> chance.
>
> I'm looking for a good price on Family Radio Service units. The no-frills
> models will be fine.
>
> The best I've found is \$29.95, but, I'd like to beat that if I can.
>
> Any ideas on where to look? Been to RS already.
>
> Mike, K5XU

Want someone to give you one? <g> I think I saw some place (? Sam's Club)

two for about \$60 but that wouldn't beat what you already know about. I hope you the best. You may be looking a while, if you mean new ones.

BTW, where'd you find that price? Someone might want to beat you back there to get it. <g>

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love
some things he must hate others, and visa versa.

Date: Sun, 18 Jun 2000 17:48:54 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wyn@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [72929] Re: OT Re: Interrogating hard drives....
Message-ID: <004401bfd96f\$3cbed5c0\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heads can be parked anywhere. As with all current IDE drives,
they have to restore to 0 to start and calibrate.

And yes, you can hide the encryption key on the media. But that
wasn't the point, and trying to mutate it to the discussion is not
valid.

The discussion centers on snapshotting a piece of media.

Besides, if the units were used, and people knew what was on
them to begin with, they probably had 'access'. That means the
machines could be 'sniffed' with the right utility (a 0v suspend
does that all the time....) and the drive 'snapshot'. Then again,
there could be external hardware. Old smartcards make
simple keys...

If you want to turn this into an encryption discussion.... But then

it's already off topic, and probably at the end of some peoples tolerance, so I won't respond to this thread again in the forum.

Mike

```
> Mike Yetsko wrote:
> >
> > I think the confusion is you are assuming that the drive will be
> > 'mounted' or otherwise 'recognized' in a system. When in
> > fact it's quite easy to 'snapshot' a drive. (An 'unlocked' drive?
> > Certain drives CAN be locked to prevent this!)
> >
> >
> > How would you do this?      Boot DOS 6.x
> >
> > Done this way, there will be NO trace on the source drive that you
> > did anything, IF the drive is 'generic'.
> >
> > If the source drive is 'locked', then this scheme won't work 'as is'.
> >
> > Doing it this way, there will be NO interaction with the drive, just
> > raw read functions.
>
> >                                     totally independent of the OS,
> > without knowing where they are located in the IO (or Memory) map.
> >
> > I know, it's bizarre twisted logic.
>
> Hint: Where are the heads parked?
>
> Without the encryption key, the image copy will be 1's and 0's. The key
> can be hidden anywhere, hardware or software. Take some simple
> encryption/decryption scheme based on say 1028 bits, and use it to hash
> large binary compressed files. A CRAY may break the code sometime after
> the SETI program detects extra-terrestrial life.
>
> 72/73,
> Clay N4AOX
```

Date: Sun, 18 Jun 2000 17:52:25 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <arp@inet4u.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [72930] OT: Re: Best Price for FRS Radios?
Message-ID: <004a01bfd96f\$8be80860\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up the SouthWestern Bell units at BJ's for \$23.99. They went by the name 'Ranger'. Not bad, they work fairly well. BUT they have no PL, and they use 4 AAA, as opposed to 4AA.

Mike

> Mike Duke wrote:
>
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> Do what's right. You'll please OR AMAZE everyone!
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> Love and hatred are both necessary. For one to love
> some things he must hate others, and visa versa.

>
>
>

Date: Sun, 18 Jun 2000 18:11:54 -0400
From: S LYON <sslyon@worldnet.att.net>
To: ac7a@gci-net.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72931] Re: Field Day 2000 - QRP Operations
Message-ID: <394D492A.A87CDAB1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Candlewood A.R.A. will field two call signs. W1QI will be QR0.
EXCLUSIVE QRP will be W1QK and we'll be running 5W to a 600' loop @ over
55'. We've been doing very well last couple of years and interest is
building locally. Keep an ear peaked for us!

72
=s=

Thomas Kuehl wrote:

>
> Howdy from the desert southwest,
>
> Just curious how many other QRP exclusive operations will be
> on during the ARRL Field Day? Maybe I can compile a list.
>
> I plan to be on with my K2, running CW, somewhere in the
> mountains of southern Arizona.
>
> Regards, Thomas - AC7A (Tucson)

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 18 Jun 2000 18:16:12 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [72932] Re: Micromountaineer

Message-ID: <20000618.181613.-103087.0.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Seeing that I am using the same TX circuitry in the NQ2RP/B beacon as the Micromountaineer uses in the 10 M TX side, I'll have to say that 2N3904's or 2N2222A's work just fine as PA's, even with extended operation.

I keep the power down, and I did slip some brass tubing over the transistor bodies for additional heat sinking.

My original idea came from one of W7ZOI's earlier transmitters, but the circuitry is the same. I went with the 2N2222A as I had them on hand.

Maybe I should build a Mark V, Mod 0 beacon with SMT components, but how do you heatsink that small a transistor?

As for parallelling RX transistors for a couple of hundred milliwatts, Alinco, Icom and Standard all do (or did in Standards case) just that in their compact VHF/UHF HT's. I'm sure that the FRS radios do the same.

BTW: Dig that dual-range QRPP terminated bench wattmeter!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President & FD'00 Chairman, Brockport Amateur Radio Klub
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

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Date: Sun, 18 Jun 2000 23:34:13 +0100

From: "Mel Evans" <mel@euramcom.freemove.co.uk>

To: <tdufres@radiks.net>

Cc: <qrp-1@lehigh.edu>

Subject: [72933] Re: Questions about shunt resistors

Message-ID: <026a01bfd975\$690e2940\$d4cd883e@dsnqutvf>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi there,

Yes, the ends of the winding are connected to the ends of the resistor after you wrap it round the body of the resistor. This is a pretty standard way to make a low value resistor.

It works because the "assembly" then becomes a pair of resistors in parallel, and if you then apply Mr Ohms' Law, you will find that the value of the "high" value resistor will not affect the end result very much, provided it is of the order of 100k or more. (If you don't believe this, then work it out for yourself using the standard formula)

This is also part of the principle behind using high value resistors as stand-offs in ugly construction.

Remember that in any pair(or more) of resistors in parallel, the value of the "assembly" will always be less than the smallest resistor value in that assemblage of individual resistors! Again, non believers work it out. Similarly any number of resistors in parallel of THE SAME VALUE will have a total value of the original value of ONE of the resistors divided by the total NUMBER in the assembly:-example 5x 270R resistors will have a value of $270/5=54R$.

Oh and of course 5x the wattage, so 5x1 watt resistors in parallel will handle 5w approx.

All good rule of thumb no thought required stuff!

Regards

Mel
GM6JAG

Edinburgh, Scotland UK
Home of the laser HW9

-----Original Message-----

From: TC Dufresne <tdufres@radiks.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: 18 June 2000 05:03
Subject: Questions about shunt resistors

>Wondered about a QRP project I was making, In the ARRL Handbook, page 30-24,
>there is a neat 6 watt transmitter described. Looks cool. One of the
>resistors (R18) is a "shunt" resistor. The description reads "meter shunt,
>131/2 inches no. 26 wire wound on a high value 1-watt resistor"

>Question-Is the wire connected to each end of the resistor, after wrapping
it
>around?
>2) What is considered a high-value resistor?
>Help!
>TCD
>
>
>
>

Date: Sun, 18 Jun 2000 22:35:01 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [72934] The PA power supply saga continues & continues & continues &
continues . . .
Message-ID: <20000618.223628.-270863.5.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Well, I got to the part where I didn't drill three holes in my thumb to finish off the back panel of the power supply for the PA project. It was almost fun 'til Cindy left with the admonishment that I spend more time with my sons . . . once the older one arrived. Nice touch, ne? Left me with a clear cut & well-defined guilt trip while trying to figure out why the holes I measured twice had to be drilled three times. But that's another story.

I got the PS done to part where I can turn it on. Puts out 18.7 VDC open circuit. Hosed up to the amp it give between 17 & 15, depending on the current draw. No tests yet on the hum level. But at least I's in the ball park. Guilty as charged. I did notice that when I hosed it up to the PA, when turned on the voltage would drop to 17 but turned off it was nearer to 18. Then I discovered that I had the power switch wired backwards. On was off & off was on. Kinda like the guilt trip.

Guess I better figure on putting the heavy metal panel in the back, since I need to have some non-flective places to put all them connectors. And it looks like I might be able to run the entire station off it, once I get the 5 A regulator hosed up. And another NoGaPIG to keep that sane. Which reminds me . . .

In the meantime, with 20 A available for power, the PA puts out about 140 W without filters. I have the cores wound and the first three filter sections slobbered together, awaiting the cutting of the board upon which I'll mount the caps & set up the ins & outs part of the circuit. Might just run it for a while on 20m . . . or 30m, which is the same filter so far. It will be interesting.

Why, I even got the little cooling fan to work. I was so amazed.

Next, the t/r part. Following the advice of many, I'm shootin' for the relay-less keying system. But I have a relay just in case for the first two hundred hours or whatever comes first.

Ian (the oldest boy) showed up around 3 & we went off to the Amber Rose only to discover that they was closed (can you imagine that? in this mercantile age?). So we went to Hops, one of them "micros" where I had three beers & a sneak & Cindy was the designated driver. On the way home I threatened to chew the youngest's knee cap off, but his brother showed him an interesting trick with plastic drinking straws instead.

I looked at those two goofs walkin' to the car & realized just how magical it is, having them be part of my life. The cards & well-wishes are nice. But the kids is better.

Happy paternalities day to you what is paternal.

73

Nils

. . . and flead day is next weekend, right?

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>

"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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End of QRP-L Digest 1856
